

SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION & COMPANY INFORMATION

PRODUCT: Pine-San
ITEM: 825

DATE ISSUED :	5/28/2015
SDS REF. No :	825

SUPPLIER:
Butler Chemicals
1283 N. Grove St.
Anaheim, CA 92806

24 HR. EMERGENCY TELEPHONE NUMBER:
(714) 630-8574
NON-EMERGENCY TELEPHONE NUMBER:
(714) 630-8574

2. HAZARDS INGREDIENTS & IDENTIFICATION

GHS CLASSIFICATION:

Product AS SOLD
Eye irritation Category 2B

Product AT USE DILUTION
Not a hazardous substance or mixture

GHS LABEL ELEMENT

Product AS SOLD
Signal Word Warning

Hazard statements: Causes eye irritation

PRECAUTIONARY STATEMENTS:
PREVENTION: Wash skin thoroughly after handling.
RESPONSE: Get medical advice/attention if you feel unwell.
If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

OTHER HAZARDS: None known.

STORAGE: Store in accordance to local regulations.
DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.
EMPTY CONTAINER: Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.

3. PHYSICAL DATA/COMPOSITION/INFORMATION ON INGREDIENTS

Product AS SOLD & Product AT USE DILUTION

Pure Substance/Mixture	CAS Number	Concentration (%)
2-butoxyethanol	111-76-2	0.1 - 1
Aliphatic hydrocarbons	8002-09-3	1 - 5

4. HEALTH HAZARD DATA & FIRST AID MEASURES

EYES : Rinse with plenty of water.
SKIN : Rinse with plenty of water.
INGESTION : Rinse mouth. Get medical attention if symptoms occur.
INHALATION : Get medical attention if symptoms occur.
NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING & EXPLOSION DATA/MEASURES

SUITABLE EXTENGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water, Carbon Dioxide, Dry Chemical, Foam.
UNSUITABLE EXTENGUISHING MEDIA: None Known
SPECIFIC HAZARDS DURING FIRE FIGHTING: Not flammable or combustible.
HAZARDOUS COMBUSTION PRODUCTS: Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) Sulfur oxides Oxides of phosphorus.
FIRE FIGHTING EQUIPMENT : Use Self Contained Breathing Apparatus (SCBA) or NIOSH approved respirator and protective clothing.
SPECIAL EXTINGUISHING: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of and/or explosion do not breathe fumes.
OTHER CONSIDERATIONS : None

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Wear protective equipment as needed. Refer to protective measures listed in sections 7 and 8.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: To contain spilled material, dike area involved. Remove source of ignition and provide ventilation. To absorb product, use porous material such as diatomaceous earth, sand or a commercial absorbent. Using a shovel, place into leak proof containers.

WATER DISPOSAL METHOD: Dispose of according to local, state and federal regulations. Wear protective equipment as needed.

ENVIRONMENTAL PRECAUTIONS: Do not allow contact with soil, surface or ground water.

7. PRECAUTIONS FOR SAFE HANDLING/STORAGE/USE

SAFE HANDLING: Wash hands thoroughly after handling.

GENERAL PROCEDURES : Store in original container in an upright position in a cool, dry area inaccessible to children and pets. Keep away from direct sunlight and freezing conditions. Do not store near oxidizers, alkalies, acids and bleach. Do not mix with other chemicals.

STORAGE TEMPERATURE: 0 °C to 50 °C

8. EXPOSURE CONTROLS\PERSONAL PROTECTION (PPE)

INGREDIENTS WITH WORKPLACE CONTROL PARAMETERS

Product AS SOLD & Product AT USE DILUTION

Pure Substance/Mixture	CAS Number	Form of Exposure	Permissible Concentration	Basis
2-butoxyethanol	111-76-2	TWA	20 ppm	ACGIH

OSHA TABLE COMMENTS: NL = Not Listed

ENGINEERING CONTROLS: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: No special protective equipment required.

HAND: No special protective equipment required.

SKIN: No special protective equipment required.

RESPIRATORY: No personal respiratory protective equipment normally required.

WORK HYGIENIC PRACTICES: Avoid accidental spills on skin, wash after use. Wash contaminated clothing prior to reuse.

OTHER USE PRECAUTIONS: Have clean water available for washing. Provide adequate ventilation or use mechanical devices.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE:	Liquid
COLOR:	Clear/Amber
ODOR:	Pine
pH:	10.0
FLASH POINT:	None
ODOR THRESHOLD:	No Data Available
MELTING POINT/FREEZING POINT:	No Data Available
BOILING POINT:	>212°F
EVAPORATION RATE:	(Water=1): <1 (slower than water)
FLAMMABILITY (SOLID, GAS):	No Data Available
UPPER EXPLOSION LIMIT:	No Data Available
SPECIFIC GRAVITY:	(H ₂ O=1): 1.02
LOWER EXPLOSION LIMIT:	No Data Available
VAPOR PRESSURE:	No Data Available
RELATIVE VAPOR DENSITY:	(Air=1): >1 (heavier than air)
RELATIVE DENSITY:	No Data Available
WATER SOLUBILITY:	100%
SOLUBILITY IN OTHER SOLVENTS:	No Data Available
PARTITION COEFFICIENT: N-OCTANOL/WATER:	No Data Available
AUTOIGNITION TEMPERATURE:	No Data Available
THERMAL DECOMPOSITION:	No Data Available
VISCOSITY, KINEMATIC:	No Data Available
EXPLOSIVE PROPERTIES:	No Data Available
OXIDIZING PROPERTIES:	No Data Available
MOLECULAR WEIGHT:	No Data Available
VOC:	No Data Available

10. STABILITY AND REACTIVITY

STABILITY : Stable
HAZARDOUS POLYMERIZATION : Will NOT Occur

CONDITIONS TO AVOID : Extreme heat or flame. Avoid contact with soft metals. Keep from freezing.
POLYMERIZATION : Will NOT Occur
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2, Nitrogen
INCOMPATIBLE MATERIALS : None

11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE: Inhalation, Eye contact, Skin contact.

POTENTIAL HEALTH EFFECTS:

EYES: Causes eye irritation.
SKIN: Health injuries are not known or expected under normal use.
INGESTION: Health injuries are not known or expected under normal use.
INHALATION: Health injuries are not known or expected under normal use.
CHRONIC EXPOSURE: Health injuries are not known or expected under normal use.

EXPERIENCE WITH HUMAN EXPOSURE:

EYE CONTACT: Redness, Irritation
SKIN CONTACT: No symptoms known or expected.
INGESTION: No symptoms known or expected.
INHALATION: No symptoms known or expected.

TOXICITY

ACUTE ORAL TOXICITY: No Data Available
ACUTE INHALATION TOXICITY: No Data Available
ACUTE DERMAL TOXICITY: No Data Available
SKIN CORROSION/IRRITATION: No Data Available
SERIOUS EYE DAMAGE/EYE IRRITATION: No Data Available
RESPIRATORY OR SKIN SENSITIZATION: No Data Available
CARCINOGENICITY: No Data Available
REPRODUCTIVE EFFECTS: No Data Available
GERM CELL MUTAGENICITY: No Data Available
TERATOGENICITY: No Data Available
STOT-SINGLE EXPOSURE: No Data Available
STOT-REPEATED EXPOSURE: No Data Available
ASPIRATION TOXICITY: No Data Available
GENERAL COMMENTS: No Data Available

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product has no known ecotoxicological effects. Non Identified

PRODUCT

TOXICITY TO FISH: No Data Available
TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES: No Data Available
TOXICITY TO ALGAE: No Data Available

INGREDIENTS

TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES: No Data Available
PERSISTENCE AND DEGRADABILITY: No Data Available
BIOACCUMULATIVE POTENTIAL: No Data Available
MOBILITY IN SOIL: No Data Available
OTHER ADVERSE EFFECTS: No Data Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.
EMPTY CONTAINER: Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.
RCRA/EPA WASTE INFORMATION: N/A

14. TRANSPORT INFORMATION

THE SHIPPER/CONSIGNOR/SENDER IS RESPONSIBLE TO ENSURE THAT THE PACKAGING, LABELING, AND MARKINGS ARE IN COMPLIANCE WITH THE SELECTED MODE OF TRANSPORT.

DOT (DEPARTMENT OF TRANSPORTATION)

LAND TRANSPORT:

Not dangerous goods

SEA TRANSPORT (IMDG/IMO):

Not dangerous goods

15. REGULATORY INFORMATION

EPCRA – EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW
 CERCLA REPORTABLE QUANTITY

Product AS SOLD & Product AT USE DILUTION

Hazardous Components	CAS Number	Component - RQ (Lbs.)	Calculated Component - RQ (lbs.)
None	N/A	N/A	N/A

UNITED STATES:

SARA (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

SARA 304 EXTREMELY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY:

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards:

Acute Health Hazard

SARA 302:

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313:

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

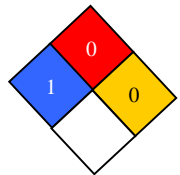
CALIFORNIA PROP 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

HMIS RATING	
Health :	1 HMISH
Flammability :	0 HMISF
Reactivity :	0 HMISR
Personal Protection :	HMISP

NFPA



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